1st and Final bill

Name of work: Improvements and Development of parks in ward no-04 of yelahanka New town sub division.

Work Order No: BBMP / EE/ YNK.D / E-PMT 16 /W.O / 249 /2019-20 dt: 29-02-2020.

JOB NUMBER: 004-20-000042.

Estimate Cost: 50.00 lakhs.

As No: EE/ YNK.D/ AS / 75 /2019-20 dt 09-01-2020.

Ts No : CE / YNK.Z/ TS / 274 /2019-20 dt 09-01-2020.

Name of Contractor : Sri B Girish

MEASUREMENTS

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Removing and refixing stone slabs of drains and pointing in CM (1:3) (P.No-27,I No-5.33)	Sqm							
	Premeasument Recorded vide excel sheet page no 01						191.40		
							191.40	116.64	22325.00
2	KSRRB 300 - Excavation for road, drains and similar works KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P.No-143, I.No-19.1)	Cum							
	Premeasument Recorded vide excel sheet page no								
							490.94	225.61	110760.00

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
3	KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum							
	Premeasument Recorded vide excel sheet page no 3						99.20		
							99.20	5682.15	563666.00
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compcted for walls and bottom including centring shuttering cost of material HOM of machinary curing etc., complete execluding cost of steel as per MORTH specification no. 1500, 1700, 2200 including cost of material labour HOM complete as per specification						Measurements Recorded on		
	RCC drain Bed								
	12th A cross A sector Basaveshwara park and surrounging ares LHS		1	30.00	0.90	0.15	4.05		
			1	24.00	0.90	0.15	3.24		
			1	30.00	0.90	0.15	4.05		
			1	27.00	0.90	0.15	3.65		
	4th A main road A sector LHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
	11th A cross RHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		
			1	16.60	0.90	0.15	2.24		
	3rd A main LHS		1	30.00	0.90	0.15	4.05		
			1	30.00	0.90	0.15	4.05		

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	30.00	0.90	0.15	4.05		
			1	27.00	0.90	0.15	3.65		
	RCC drain side walls								
	12th A cross A sector Basaveshwara park and surrounging ares LHS		2	30.00	0.15	0.75	6.75		
			2	24.00	0.15	0.75	5.40		
	RHS		2	30.00	0.15	0.75	6.75		
			2	27.00	0.15	0.70	5.67		
	4th A main road A sector LHS		2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
			2	30.00	0.15	0.75	6.75		
	11th A cross RHS		2	30.00	0.15	0.70	6.30		
			2	30.00	0.15	0.75	6.75		
			2	16.60	0.15	0.70	3.49		
	3rd A main LHS		2	30.00	0.15	0.70	6.30		
			2	30.00	0.15	0.70	6.30		
			2	30.00	0.15	0.70	6.30		
			2	27.00	0.15	0.70	5.67		
							150.00		
							150.00	7409.57	1111413
5	KSRRB - M2300-14: Providing TMT steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, palcing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining memebrs wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.MORTH Specification No. 1600 & 2200 for TMT bars Fe 500.	Tonne							
	Premeasument Recorded vide excel sheet page no 5								
							9.00	77543.87	697895.00

Ramanajeenk
30/05/2020

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
6	Providing and fixing RCC precast cover slab of 100mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form work, lift charges, curing and concrete finished surfaces on both sides etc, complete and as per drawing and the directions of Engineer in-charge. (Data Rate)	Sqm							
	12th A cross road		1	20.00	0.90		18.00		
			1	25.00	0.90		22.50		
	4th A main road		1	20.00	0.90		18.00		
			1	15.00	0.90		13.50		
			1	18.00	0.90		16.20		
			1	25.00	0.90		22.50		
	11th A cross road		1	23.00	0.90		20.70		
			1	18.00	0.90		16.20		
	3rd A main road		1	16.00	0.90		14.40		
			1	12.00	0.90		10.80		
			1	10.00	0.90		9.00		
			1	12.00	0.90		10.80		
							192.60	2449.18	471712.00
7	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge.	Nos							
	12th A cross road		120				120.00		
			127				127.00		
	4th A main road		267				267.00		
	11th A cross road		169				169.00		
	3rd A main road		260				260.00		
	inside the park		200				200.00		
			200				200.00		
			189				189.00		
							1532.00	453.24	694364.00

Page 1

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ಬ.ಬ.ವಿ.ಪ. ಬೆಂಗಳೂರು-106

8/06/2020

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
8	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. MORTH Chapter 8 Specification No. KSRRB M800-6.	sqm							
	12th A cross road		1	30.00		0.40	12.00		
			1	24.00		0.40	9.60		
			1	30.00		0.40	12.00		
			1	27.00		0.40	10.80		
	4th A main road		1	30.00		0.40	12.00		
			1	30.00		0.40	12.00		
			1	30.00		0.40	12.00		
			1	30.00		0.40	12.00		
	11th A cross road		1	30.00		0.40	12.00		
			1	30.00		0.40	12.00		
			1	16.00		0.40	6.40		
			1			0.40	0.00		
	3rd A main road		1	30.00		0.40	12.00		
			1	30.00		0.40	12.00		
			1	30.00		0.40	12.00		
			1	27.00		0.40	10.80		
	inside the park		2	30.00		0.40	24.00		
			2	15.00		0.40	12.00		
			2	30.00		0.40	24.00		
			2	15.00		0.40	12.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	25.00		0.40	20.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	30.00		0.40	24.00		
			2	2.00		0.40	1.60		
			2	30.00		0.40	24.00		
			2	28.00		0.40	22.40		
			2	30.00		0.40	24.00		
			2	8.00		0.40	6.40		
			2	15.00		0.40	12.00		
			2	15.00		0.40	12.00		
			2	15.00		0.40	12.00		
			2	10.00		0.40	8.00		
			2	9.00		0.40	7.20		
			2	10.00		0.40	8.00		
			2	28.00		0.40	22.40		
			2	5.50		0.40	4.40		
			1	50.00		0.40	20.00		
	visweshwarayya park		1	90.00		0.40	36.00		
							602.00	88.87	53500.00

Ramanjeenaik

12/06/2020

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12/06/2020

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per sqm over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level, including cost of materials, labour and HOM complete as per specifications. Specification No. KBS	sqm							
			1	10.00	5.00		50.00		
			1	15.00	2.90		43.50		
			1	15.00	2.90		43.50		
			1	10.00	2.90		29.00		
			1	10.00	2.90		29.00		
			1	16.00	2.90		46.40		
			1	9.00	2.90		26.10		
			1	10.00	2.90		29.00		
			1	11.00	2.90		31.90		
							328.40	1169.76	384149.00
10	KSRRB M300-18. Wrought iron and mild steel welded work (using angles, square bars, tees and channel grills, grating frames, gates and tree guards of any size and design etc. including cost of screens and welding rods or bolts and nuts complete fixed in position but without the cost of excavation and concrete for fixing which will be paid separately complete as per specifications.	QTL							
	gratings								
	50mm dia MS pipe and channes								
	Length 2.5 Mtrs								
	7x2.5x5.03 = 88.03 Kgs						88.03		
	Length 6.30 Mtrs								
	5x8x6.30x5.03 kg / mtrs = 1268.52 kgs						1268.52		
	5x2x6.30x6.80 kg / mtrs =428.4 kgs						428.40		

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Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	5x2x0.8x6.80 kg / mtrs = 54.40kg						54.40		
	2x2.5x6.8 kg / mtrs = 34 kgs						34.00		
	2x0.8x6.8 kg / mtrs = 10.88 kgs						10.88		
	1x3.1x35 kg / mtrs = 108.50kgs						108.50		
						Kgs	1992.73		
						Qtl	19.93		
							19.93	7983.89	159097
11	KSRRB M300-53. Construction of embankment with approved material Gravel/Murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement Table 300-2 complete as per specifications, including cost of gravel / murrum, watering charges & compaction by vibratory roller to 95% of modified proctors density. MORTH Specification No. 305 (P No-147,I No-19.60)	cum							
	Premeasument Recorded vide excel sheet page no								
							165.24	361.04	59658.00
12	KSRRB M300- 2.1. Grassing with Doobs grass including watering and maintenance of the lawn for 30 days or more till the grass forms a thick lawn free from weeds and fit for moving including supplying good earth if needed complete as per specifications. MORTH Specification No. 307 i) In rows 15 cm apart in either direction.	Sqm							
			1	30.00	3.10		93.00		
			1	25.50	3.00		76.50		
			1	30.00	3.00		90.00		
			1	30.00	3.00		90.00		
			1	30.00	3.00		90.00		
							439.50		
	deduction		1	9.00	3.00		27.00		
							412.50	51.10	21079

Ramanjeenath
20/06/2020

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20/06/2020

Sl	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
13	KSRRB M300-7.1. Planting permanent hedges including digging of trenches, 60 cm wide and 45 cm deep, refilling the excavated earth mixed with farmyard manure, supplied at the rate of 4.65 cum per 100 metres and supplying and planting hedge plants at 30 cm apart complete as per specifications. A) Planting permanent hedges including digging of trenches MORTH Specification No.	M							
			1	30.00			30.00		
			1	25.00			25.00		
			1	30.00			30.00		
			1	30.00			30.00		
			1	5.00			5.00		
							120.00	328.82	39458
14	Fabricating, providing and erecting in position Hot dip galvanised Gate Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c, as shown in the drawing including providing hot dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 75X12 mm and 50X6 mm arch bend to hot dip galvanised flats. The work is inclusive of throughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal putty, painting two coats enamel painting The rate is inclusive of all materials like GI sq. pipe, GI sq. rods, GI forged designs etc., heavy duty hinges are made out of 75mm solid sq. block assembled with 20mm dia bearing in three places for each flop. Heavy Duty Locking arrangements at tow places including cost of labour, painting, erecting charges using hoist pulley cranes with all lead and lift, loading, transportation, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the Engineer-in-charge of the work. (Data	Sqm							
			1	4.40		2.50	11.00		
			1	1.50		1.80	2.70		
			1	3.90		2.00	7.80		
							21.50	13073.80	281087
							Sub Total		4670163.00
							GST 12%		560419.56
							Grand Total		5230583.00

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29/06/2020.

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29/6/2020